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ABSTRACT

This planning document was prepared in response to the fourth basic responsibility of the State Board of Education regarding the planning and coordination of postsecondary education in Michigan. Specifically, it is the responsibility of the State Board "to review and make recommendations concerning operating and capital budgets of public institutions." This report indicates operating and capital needs for public baccalaureate institutions and public community and junior colleges, the need for detailed information regarding space utilization, and draws important conclusions regarding the need for comprehensive and continuous fiscal and facilities planning. Data tables are included. (Author/MSE)

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Advising on Financial Requirements of Michigan Colleges and Universities

HE 008 361

Michigan Department of Education

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ADVISING ON FINANCIAL REQUIREMENTS OF MICHIGAN COLLEGES AND UNIVERSITIES

Michigan Department of Education

July, 1973

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William G. Milliken, Governor
Member, Ex-Officio

FOREWORD

This planning document entitled Advising on Financial Requirements of Michigan Colleges and Universities was prepared in response to the fourth basic responsibility of the State Board of Education regarding the planning and coordination of postsecondary education in Michigan. Specifically, it is the responsibility of the State Board of Education "to review and make recommendations concerning operating and capital budgets of public institutions." This responsibility is based on the principle that there is need for an orderly and detailed analysis of institutional financial requirements independent of the regular budget process.

Among other things, this report indicates operating and capital needs for public baccalaureate institutions, public community and junior colleges, the need for detailed information regarding space utilization, and draws important conclusions regarding the need for comprehensive and continuous fiscal and facilities planning.

This document has been reviewed and approved by the Department of Education Planning Council, the Council on Postsecondary Education and the State Board of Education and is, therefore, now being disseminated for public review.

JOHN W. PORTER
SUPERINTENDENT OF
PUBLIC INSTRUCTION

August, 1973

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INTRODUCTION

The Constitution of the State of Michigan provides that the State Board of Education "shall serve as the general planning and coordinating body for all public education, including higher education, and shall advise the legislature as to the financial requirements in connection therewith."

Accepting this mandate from citizens throughout the State of Michigan, the State Board of Education sponsored the development of a State Plan for Higher Education in Michigan during the first few years of its existence. This plan was officially adopted on June 11, 1969. It represented the collective efforts of hundreds of individuals who contributed to the final product by serving on committees or participating at public hearings.

Eight of the 38 goals in this plan are directly related to the responsibility for advising on financial requirements. These goals call for study in areas such as: (1) tuition and fee charges, (2) collection of financial information, (3) a uniform system of counting and reporting students, (4) new ways of appropriating for operations at public community colleges, (5) policies regarding payment of tuition for students who attend public community colleges as nonresident students, (6) assistance and encouragement to all public institutions of higher education for the purpose of arriving at optimum utilization of facilities and improved operating efficiency, (7) annual projections of operating needs, (8) and annual projections of capital outlay needs.

These eight State Plan goals relate specifically to one of the five basic responsibilities of the State Board of Education, which is to advise on the financial requirements of postsecondary institutions. In order to provide such advice, however, sufficient planning must take place. It is therefore proposed that the provision of such advice should be based upon (1) short and long-range fiscal planning in terms of operations and (2) short and long-range facility planning. This report will focus upon the expressed needs of the colleges and

Universities for Fiscal Year 1973-74, and what actions need to be taken to improve the planning process in order that more objective and well-considered advice can be provided in terms of fiscal and facility planning.

The responsibility of the State Board of Education to advise on the financial requirements of Michigan public institutions is based upon the fundamental principle that there is need for an orderly and careful analysis of institutional needs independent of the budget process. To the extent that the needs of the institution become increasingly more related to the Governor's budget recommendations is the extent to which more effective higher education planning in terms of fiscal needs of the institutions has been successful.

Fiscal planning must therefore take on some identifiable characteristics which will ultimately lead to appropriate advice from the planning body for higher education.

PART I

FISCAL PLANNING

A. Public Baccalaureate Institutions

As shown in Table 1, operating needs of public baccalaureate institutions for 1973-74 as stated in their budget requests are based on estimates of student headcount enrollments totaling 225,701 and estimates of fiscal-year-equated student enrollments totaling 205,605.

Table 2 offers a comparison of appropriations for 1972-73 with institutional requests and recommendations in the Executive Budget for 1973-74. The total appropriated for 1972-73 was $345.5 million. Institutional requests for 1973-74 amount to $422.8 million, or an increase of 22.4 percent. Recommendations in the Executive Budget for 1973-74 amount to $381.7 million, or an increase of 10.5 percent.

Table 3 provides a breakdown of the recommendations in the Executive Budget according to the various program subcategories used in the Program Budget Evaluation System (PBES) adopted recently by the Bureau of Programs and Budget.

Until the adoption of a planning-programming-budgeting system by the Executive Office of the Governor during the current fiscal year, Michigan's higher educational appropriations process has been characterized by classical incremental budgeting. Thus, the overwhelming majority of higher education activities have been funded without substantive review by any external agency, though certain specific projects and programs have been annually identified for critical review. Ad hoc decisions have been made concerning specific projects, while broad general guidelines have been applied to the vast majority of educational expenditure. As an example, a new professional program may be thoroughly reviewed, while faculty salaries at all colleges and universities are budgeted for flat percentage increases. This point is ever more evident in the case of such specific reviews, program accountability is certainly present, though there is no basis for this kind of accountability to extend

Table 1

FALL HEADCOUNT AND FISCAL YEAR EQUATED STUDENT ENROLLMENT IN PUBLIC BACCALAUREATE INSTITUTIONS IN MICHIGAN 1971-1973

	STUDENT HEADCOUNT ENROLLMENT			TOTAL FYE STUDENTS		
	1971	1972	Est. 1973	1971	Est. 1972	Est. 1973
Central	16,991	16,667	16,767	14,996	14,737	14,795
Eastern	21,483	20,963	20,856	18,395	17,141	17,403
Ferris	9 161	9,250	9,250	9,645	9,700	9,700
Grand Valley	4,174	5,007	5,800	4,041	4,856	5,568
Lake Superior	1,712	1,890	2,000	1,449	1,570	1,680
Michigan State	44,887	44,699	45,227	41,124	40,844	41,972
Michigan Tech.	5,010	5,260	5,334	5,426	5,600	5,700
Northern	8,167	8,208	8,435	7,761	7,808	8,040
Oakland	7,069	8,141	8,311	6,981	7,500	7,875
Saginaw Valley	2,124	2,299	2,707	1,658	1,775	2,000
U of M - Ann Arbor	36,507	36,084	36,387	35,516	35,200	35,593
U of M - Dearborn	1,367	1,833	2,430	1,400	1,800	2,400
U of M - Flint	2,082	2,555	2,938	1,820	2,169	2,494
Wayne State	36,765	33,837	36,634	26,942	26,487	28,919
Western	23,026	22,980	22,625	21,867	21,798	21,466
TOTAL	220,525	219,673	225,701	199,021	198,985	205,605

Source: Institutional Budget Requests.

Table 2

COMPARISON OF APPROPRIATIONS AND RECOMMENDATIONS
FOR OPERATIONS, STATE INSTITUTIONS,
1972-73 AND 1973-74

	1972-73 Appropriations	1973-74 Requests	1973-74 Recommendations	Increase
Central Michigan University	16,795,000	19,500,000	18,747,000	1,952,000
Eastern Michigan University	20,796,000	23,324,000	22,564,000	1,768,000
Ferris State College	11,602,000	13,763,000	13,010,000	1,408,000
Grand Valley State College	6,641,000	8,976,000	8,319,000	1,678,000
Lake Superior State College	2,348,000	2,975,000	2,639,000	291,000
Michigan State University				
East Lansing	70,839,000	87,588,000	78,132,000	7,293,000
Agricultural Experiment Station	6,059,000	--	6,456,000	397,000
Cooperative Extension Service	5,220,000	--	5,711,000	491,000
Total	82,118,000	87,588,000	90,299,000	8,181,000
Michigan Technological University	10,581,000	13,237,000	11,460,000	879,000
Northern Michigan University	10,250,000	13,830,000	11,324,000	1,074,000
Oakland University	10,394,000	12,820,000	11,568,000	1,174,000
Saginaw Valley State College	2,479,000	3,062,000	2,653,000	174,000
University of Michigan				
Ann Arbor Campus	79,822,000	102,663,000	86,993,000	7,171,000
Dearborn Campus	3,981,000	5,564,000	4,678,000	697,000
Flint Campus	3,877,000	5,108,000	4,444,000	567,000
Total	87,680,000	113,335,000	96,115,000	8,435,000
Wayne State University	56,395,000	68,865,000	61,775,000	5,380,000
Western Michigan University	26,823,000	32,306,000	30,357,000	3,534,000
Institute of Gerontology	322,000	426,000	409,000	87,000
Merit Computer Network	200,000	--	393,000	193,000
Upper Peninsula Health Planning	100,000	--	100,000	--
TOTAL	345,524,000	422,772,000	381,732,000	36,208,000

Table 3

RECOMMENDATIONS FOR CURRENT OPERATIONS
AT PUBLIC BACCALAUREATE INSTITUTIONS
FOR 1973-74

Institution	Organized Research	Public Service	Academic Support	Student Services	Financial Aid to Students	Institutional Support	Total Administration and Operation	Less Student Fees and Other Income	GRAND TOTAL FOR THE INSTITUTION
Central	94	191	3,398	1,361	1,246	7,683	27,808	9,061	16,747
Eastern	41	432	3,485	1,982	2,172	8,870	34,049	11,485	22,564
Ferris	--	23	2,946	--	561	4,568	18,280	5,270	13,010
Grand Valley	58	260	1,198	568	590	3,075	11,346	3,027	8,319
Lake Superior	--	24	309	217	154	1,242	3,663	1,024	2,639
Michigan State									
East Lansing	2,788	3,043	13,191	5,830	5,312	25,810	114,125	35,993	78,132
Agr. Exp Sta.	12,105	--	--	--	--	--	12,102	5,646	6,456
Coop. Ext. Ser.	--	11,833	--	--	--	--	11,833	6,122	5,711
Michigan Tech.	841	160	1,385	672	674	4,782	15,707	4,247	11,460
Northern	--	622	2,034	1,107	705	4,647	16,039	4,715	11,324
Oakland	126	223	1,611	1,551	1,013	4,646	16,642	5,074	11,568
Saginaw Valley	--	69	440	158	156	1,403	3,699	1,046	2,653
Univ. of Mich.									
Ann Arbor	3,164	2,172	21,100	6,616	7,931	33,784	140,011	53,018	86,993
Dearborn	27	28	564	326	202	1,832	6,177	1,499	4,678
Flint	--	44	620	431	386	1,618	6,008	1,564	4,444
Wayne	2,132	1,810	13,502	3,011	4,578	24,197	86,377	24,602	61,775
Western	255	56	5,594	1,351	2,272	11,396	44,473	14,116	30,357
Inst. of Geront.	75	187	67	8	3	80	420	11	409
Merit Comp. Net.	509	--	--	--	--	--	509	116	393
Upper Peninsula	546	--	--	--	--	--	546	446	100
TOTAL	22,758	21,177	71,444	27,450	26,955	139,640	569,814	188,082	381,732

Table 3 Continued

RECOMMENDATIONS FOR CURRENT OPERATIONS
AT PUBLIC BACCALAUREATE INSTITUTIONS
Fall 1973-74

Institution	Agriculture	Arts	Biological Sciences	Business	Computer Sciences	Education	Engineering	Health Sciences	Law	Physical Sciences and Math	Social Sciences	Other Discipline
Central	--	3,119	698	963	41	3,705	353	--	--	1,574	2,819	563
Eastern	--	4,334	700	1,380	--	5,937	--	172	--	1,704	3,267	573
Ferris	--	1,053	368	1,791	120	317	1,919	1,131	--	768	910	444
Grand Valley	--	1,479	333	239	--	334	--	161	--	800	1,092	1,151
Lake Superior	--	311	193	201	--	187	163	86	--	315	260	1
Michigan State												
East Lansing	3,582	8,300	3,546	3,122	342	6,543	2,708	10,411	500	7,423	8,225	3,446
Agr. Exp. Sta.	--	--	--	--	--	--	--	--	--	--	--	--
Coop. Ext. Ser.	--	--	--	--	--	--	--	--	--	--	--	--
Michigan Tech.	328	429	309	284	--	85	3,487	63	--	1,493	377	348
Northern	--	1,878	383	340	--	1,659	--	329	--	811	1,343	141
Oakland	--	2,050	409	218	95	1,002	629	--	--	1,158	1,698	213
Saginaw Valley	30	394	86	117	--	102	28	73	--	278	365	--
Univ. of Mich.												
Ann Arbor	1,190	12,776	5,798	2,264	233	3,843	7,482	13,785	1,772	6,725	9,020	352
Dearborn	--	343	154	430	--	232	746	--	--	618	585	90
Flint	--	820	194	129	--	245	--	--	--	525	996	--
Wayne	--	6,162	1,299	1,742	373	4,490	1,639	7,987	989	4,852	5,622	1,992
Western	44	5,677	694	1,295	--	5,328	1,407	529	--	2,520	4,713	342
Inst. of Geront.	--	--	--	--	--	--	--	--	--	--	--	--
Merit Comp. Net.	--	--	--	--	--	--	--	--	--	--	--	--
Upper Peninsula	--	--	--	--	--	--	--	--	--	--	--	--
TOTAL	5,174	49,125	15,164	14,515	1,204	34,009	20,561	34,735	3,261	31,654	41,292	9,656

to either the system as a whole or to future developments. The impact of broad-gauge guidelines upon the entire system is evident, but there is little program accountability. As has been suggested in California, the introduction of planning-programming-budgeting systems promises to improve program accountability, while permitting the use of this knowledge "to engage in multiyear budget planning that would be closely integrated with master planning in higher education."

B. Public Community and Junior Colleges

As shown in Table 4, operating needs of public community and junior colleges for 1973-74 as stated in their budget requests are based on estimates of fiscal-year-equated students totaling 82,904. Estimates of student head-count enrollments were not included in budget requests for some institutions, so the total for all institutions cannot be determined.

Table 5 presents a comparison of appropriations for current operations at public community and junior colleges in 1972-73 with institutional requests and recommendations in the Executive Budget for 1973-74. Appropriations for 1972-73 totaled $57.4 million. Institutional requests for 1973-74 amount to $65.0 million, or an increase of 13.2 percent. Recommendations in the Executive Budget amount to $63.2 million, or an increase of 10.1 percent.

Table 6 gives a breakdown of the amounts recommended in the Executive Budget according to the various program subcategories used in the Program Budget Evaluation System (PBES).

Table 4

FALL HEADCOUNT AND FISCAL YEAR EQUATED STUDENT ENROLLMENT
IN PUBLIC COMMUNITY AND JUNIOR COLLEGES IN MICHIGAN 1971 - 1973

	STUDENT HEADCOUNT ENROLLMENT			TOTAL FYE STUDENTS		
	1971	1972	Est. 1973	1971	1972	Est. 1973
Alpena	937	1,143	1,225	952	975	1,050
Bay de Noc	*	*	*	715	688	730
Delta	*	*	*	4,603	4,655	4,655
Genesee	5,643	6,847	7,082	5,040	5,177	5,355
Glen Oaks	*	648	*	539	470	475
Gogebic	708	*	764	566	576	627
Grand Rapids	5,568	5,302	5,417	4,280	4,170	4,217
Henry Ford	*	11,187	*	5,269	5,661	5,750
Highland Park	3,597	3,624	*	2,598	2,547	2,550
Jackson	*	3,600	3,878	2,141	2,272	2,363
Kalamazoo Valley	*	*	*	2,221	2,270	2,387
Kellogg	3,371	3,329	3,332	2,233	2,112	2,114
Kirtland	*	*	662	425	504	548
Lake Michigan	*	3,016	3,023	1,832	1,970	1,975
Lansing	*	*	*	4,344	4,503	4,572
Macomb	17,640	17,485	17,223	10,204	9,238	9,100
Mid Michigan	*	775	775	416	450	450
Monroe	1,691	1,674	*	1,188	1,127	1,190
Montcalm	674	892	800	457	512	531
Muskegon	3,889	3,887	3,910	2,445	2,377	2,494
North Central	769	779	825	547	547	592
Northwestern	*	*	*	1,623	1,655	1,688
Oakland	14,572	15,166	16,056	9,478	9,527	9,100
St. Clair	3,139	3,300	3,400	2,018	2,013	2,040
Schoolcraft	*	5,849	*	3,792	3,697	3,890
Southwestern	1,194	1,199	1,299	812	860	850
Washtenaw	3,998	4,259	4,387	2,323	2,500	2,325
Wayne	2,335	3,360	3,495	6,027	8,406	8,741
West Shore	*	*	*	318	520	545
Total	-	-	-	79,406	81,979	82,904

* Data Not Available

Table 5

COMPARISON OF APPROPRIATIONS AND RECOMMENDATIONS
FOR OPERATIONS, JUNIOR AND COMMUNITY COLLEGES,
1972-73 AND 1973-74

	1972-73 Appropriations	1973-74 Request	1973-74 Recommendations	Increase (Decrease)
Alpena	823,620	951,000	1,070,639	247,019
Bay de Noc	743,261	816,000	755,888	12,627
Delta	3,299,681	3,505,000	3,471,342	171,661
Genesee	3,445,363	4,541,000	4,041,915	596,552
Glen Oaks	454,423	490,000	441,975	(12,448)
Gogebic	672,032	799,000	703,487	31,455
Grand Rapids	2,775,247	3,404,000	3,303,123	527,876
Henry Ford	3,734,362	4,162,000	4,280,622	546,260
Highland Park	1,860,746	2,043,000	1,988,730	127,984
Jackson	1,732,479	2,251,000	2,012,821	280,342
Kalamazoo Valley	1,330,683	1,522,000	1,620,280	289,597
Kellogg	1,868,895	2,329,000	1,803,373	(65,522
Kirtland	408,099	505,000	482,391	74,292
Lake Michigan	1,197,145	1,356,000	1,496,229	299,084
Lansing	2,972,321	3,455,000	3,359,045	386,724
Macomb	7,147,914	6,633,000	6,920,353	(227,561)
Mid-Michigan	369,698	480,000	504,953	135,255
Monroe	761,056	1,049,000	799,966	38,910
Montcalm	405,927	505,000	540,811	134,884
Muskegon	2,058,155	2,500,000	2,056,749	(1,406
North Central	482,967	613,000	569,036	86,069
Northwestern	1,619,033	1,872,000	1,699,507	80,474
Oakland	5,414,521	5,619,000	6,347,761	933,240
St. Clair	1,745,247	1,869,000	1,625,766	(119,481
Schoolcraft	2,669,278	3,191,000	2,677,458	8,180
Southwestern	679,834	895,000	837,386	157,552
Washtenaw	1,578,243	1,676,000	1,803,767	225,524
Wayne County	4,708,247	5,527,000	5,477,604	769,357
West Shore	424,183	489,000	482,053	57,870
TOTAL	57,382,660	65,049,000	63,175,030	5,792,370

Table 6

RECOMMENDATIONS FOR CURRENT OPERATIONS AT
PUBLIC COMMUNITY AND JUNIOR COLLEGES FOR 1973 - 74

Institution	Agriculture	Art	Biological Sciences	Business	Computer Science	Education	Engineering	Health Sciences	Physical Sciences and Math	Social Sciences	Other Disciplines
Alpena Community College	35,028	167,856	42,380	69,034	--	--	229,356	138,274	99,792	126,469	--
Bay de Noc Community College	13,672	114,394	44,010	54,027	--	47,388	68,696	98,557	91,872	82,248	1,069
Delta College	5,838	865,911	142,625	414,874	95,658	191,706	358,992	644,298	445,104	657,984	24,587
Genesee Community College	--	1,142,319	414,020	371,519	49,170	184,398	667,016	506,024	485,496	480,152	36,346
Glen Oaks Community College	--	104,103	8,150	50,025	--	23,694	66,480	85,318	32,472	44,160	--
Gogebic Community College	24,271	85,342	10,595	76,038	42,912	62,466	36,564	64,724	22,176	57,960	25,656
Grand Rapids Junior College	--	928,955	403,425	226,780	36,654	247,710	304,700	491,314	500,544	388,056	--
Henry Ford Community College	--	862,683	132,030	536,935	92,976	92,622	1,593,304	254,483	482,328	710,424	18,173
Highland Park Community College	--	427,710	254,280	180,757	--	21,540	130,744	267,722	353,232	372,600	--
Jackson Community College	--	418,026	100,245	166,750	--	57,081	345,696	147,100	227,304	362,664	--
Kalamazoo Valley Community College	1,944	429,324	154,035	197,432	40,230	106,623	180,634	108,854	225,720	325,128	54,519
Kellogg Community College	--	366,375	60,310	192,763	54,534	107,700	237,112	414,822	136,224	257,232	2,138
Kirtland Community College	37,947	67,788	17,930	67,367	1,788	7,539	107,476	47,072	38,016	56,856	--
Lake Michigan College	--	489,043	69,275	171,419	--	132,471	257,056	173,578	151,272	197,616	--
Lansing Community College	--	768,264	149,145	478,239	55,428	91,545	473,116	305,968	482,328	502,872	264,043
Macomb County Community College	--	1,731,812	392,830	853,760	183,270	230,478	1,475,856	438,358	712,800	1,340,808	14,966
Mid Michigan Community College	12,649	49,402	12,225	40,687	--	--	43,212	183,875	43,560	36,984	36,346
Monroe County Community College	--	171,084	48,085	96,048	17,880	--	185,036	51,485	99,137	169,464	--
Montcalm Community College	--	94,419	4,890	44,689	--	3,231	132,960	73,550	57,816	57,508	--
Muskegon Community College	--	413,184	53,790	171,479	29,502	48,465	566,188	245,857	153,648	283,728	--
North Central Michigan College	--	151,401	48,085	41,754	--	10,770	33,240	98,557	54,648	83,904	--
Northwestern Michigan College	--	149,293	107,387	107,387	11,622	34,464	209,412	267,722	126,720	216,384	225,491
Oakland Community College	--	7,236,197	440,190	703,695	19,998	275,712	592,780	317,736	810,216	1,519,656	36,345
St. Clair County Community College	38,920	372,027	108,395	171,419	43,806	50,619	173,956	383,931	133,056	253,368	--
Schoolcraft College	--	684,336	163,000	298,149	75,096	124,937	436,552	232,418	307,672	488,520	82,313
Southwestern Michigan College	15,569	125,085	93,725	83,375	--	36,618	142,932	142,687	3,168	97,152	--
Washtenaw Community College	--	421,254	74,165	152,743	51,852	26,925	456,496	188,288	274,824	345,552	12,828
Wayne County Community College	--	2,074,797	338,225	719,026	--	268,173	--	104,441	919,512	1,520,760	--
West Shore Community College	--	101,682	67,645	55,361	--	23,694	85,316	60,311	--	62,376	--
TOTALS	187,789	15,998,775	3,955,195	6,792,061	1,076,376	2,511,564	9,590,848	65,371,124	7,671,312	11,198,424	2,376,821

Table 6

(continued)

Institution	Noninstructional Subcategories	Size Factor	Gross Budget	Less Local Tax Revenues	Less Student Fees	Net General Fund
Alpena Community College	681,938	67,853	1,656,919	187,000	399,280	1,070,639
Bay de Noc Community College	472,310	67,045	1,155,438	150,000	249,550	755,888
Delta College	3,040,900	--	6,888,477	1,880,000	1,537,135	3,471,342
Genesee Community College	3,464,685	--	7,905,345	2,142,000	1,721,430	4,041,915
Glen Oaks Community College	307,325	68,348	790,075	190,000	158,100	441,975
Gogebic Community College	388,200	67,433	966,537	60,000	203,050	703,487
Grand Rapids Junior College	2,100,000	--	5,627,233	780,000	1,544,110	3,303,123
Henry Ford Community College	2,875,000	--	7,650,958	1,044,096	2,326,240	4,280,655
Highland Park Community College	1,277,000	--	3,285,585	190,000	1,106,855	1,988,730
Jackson Community College	1,488,100	--	3,312,966	640,000	660,145	2,012,821
Kalamazoo Valley Community College	1,504,275	--	3,328,690	930,000	778,410	1,620,280
Kellogg Community College	1,367,758	--	3,196,971	628,828	764,770	1,803,373
Kirtland Community College	346,145	66,937	862,861	214,000	166,470	482,391
Lake Michigan Community College	1,274,590	--	2,916,319	788,000	632,090	1,496,229
Lansing Community College	2,847,447	--	6,418,395	1,545,000	1,514,350	3,359,045
Macomb County Community College	6,017,100	--	13,392,048	3,299,000	3,172,695	6,920,353
Mid Michigan Community College	320,265	72,648	871,853	184,000	182,900	504,953
Monroe County Community College	692,290	64,462	1,595,626	428,000	367,660	799,966
Montcalm Community College	349,380	68,168	886,511	209,000	145,700	531,811
Muskegon Community College	1,487,453	--	3,433,034	629,500	766,785	2,056,749
North Central Michigan College	383,024	66,043	935,026	132,870	233,120	569,036
Northwestern Michigan College	1,090,195	--	2,576,272	216,000	660,765	1,699,507
Oakland Community College	6,081,800	--	13,208,226	3,760,000	3,100,465	6,347,761
St. Clair County Community College	1,314,704	--	3,044,201	740,000	678,435	1,625,766
Schoolcraft College	2,490,950	--	5,583,938	1,540,000	1,366,480	2,677,458
Southwestern Michigan College	550,597	68,289	1,359,196	196,000	325,810	837,386
Washtenaw Community College	1,585,150	--	3,590,077	980,000	806,310	1,803,767
Wayne County Community College	4,631,400	--	10,576,334	2,500,000	2,598,730	5,477,604
West Shore Community College	352,615	66,823	875,823	218,000	175,770	482,053
TOTALS	50,782,596	744,049	117,910,934	26,392,294	28,343,610	63,175,030

PART II

FACILITIES PLANNING

The responsibility of the State Board of Education to advise on the facility needs of the public institutions is predicated on the assumption that a correlation must exist between the programs and services of an institution and the facilities planned to house such programs and services.

Facility planning must therefore take on certain identifiable characteristics which should ultimately through advice from the planning body for construction, remodeling and planning in terms of facility needs.

Advising on the facility needs of institutions therefore should embrace the following planning components:

a. Uniform facility costing

b. Five-year facility planning for new start

c. Continuing construction

d. Remodeling and additions

It is therefore incumbent upon the planning agency to review new construction plans in relationship to operations.

In this regard, the State Agency can only, at present, identify the request of the institution and recommendations of the Governor in terms of (1) Preliminary Planning (2) New Construction and Continuing Projects, etc., in relation to on-going operations and new program plans.

A. Public Baccalaureate Institutions

As shown in Table 7, capital outlay requests from public baccalaureate institutions for 1973-74 total $65.7 million. Amounts requested for the five-year period from 1973-74 to 1977-78 total $537.8 million.

Table 8 shows amounts requested by each institution for 1973-74 according to purposes for which funds would be used. Totals indicate that institutions are requesting $21.2 million to complete plans and start construction, $3.0 million for new construction, $26.7 million to continue construction, and

TABLE 7

CAPITAL OUTLAY REQUESTS, 1973-74 through 1977-78
PUBLIC BACCALAUREATE INSTITUTIONS
(Thousands of Dollars)

Institution	1973-74	1974-75	1975-76	1976-77	1977-78	Total
Central Michigan	$ 475	$ 4,020	$ 3,540	$ 2,680	$ 4,010	$ 14,725
Eastern Michigan	3,730	5,020	8,800	5,305	6,360	29,215
Ferris State	2,624	2,994	2,820	1,150	200	9,788
Grand Valley	4,340	6,200	3,530	2,680	750	17,500
Lake Superior	1,721	1,725	425	200	200	4,271
Michigan State	9,515	13,035	16,160	15,740	14,600	69,050
Michigan Tech.	7,945	15,575	19,365	14,635	15,375	72,895
Northern Michigan	7,020	6,439	4,235	3,805	3,591	25,090
Oakland	4,055	4,800	7,450	5,250	6,050	27,605
Saginaw Valley	930	4,330	5,020	2,390	2,440	15,110
University of Mich.						
Ann Arbor	6,075	6,150	6,600	3,600	300	22,725
Dearborn	1,215	8,250	8,700	2,300	-	20,965
Flint	3,845	6,830	9,000	3,800	-	23,475
Wayne State	8,870	34,535	48,231	35,430	13,834	140,900
Western Michigan	3,350	9,200	10,300	11,600	10,000	44,450
Total	$ 65,710	$ 129,603	$ 154,176	$ 110,565	$ 77,710	$ 537,764

Source: Institutional Budget Requests for Fiscal Year 1973-74.

TABLE 8

Capital Outlay Requests for 1973-74
Public Four-Year Colleges and Universities

	Complete Plans & Start Construction	New Construction	Continue Construction	Remodeling, Site Development and Demolition	Total
Central Michigan University	1,000,000.00	-	-	70,000.00	1,070,000.00
Eastern Michigan University	1,500,000.00	-	-	873,785.00	2,373,785.00
Ferris State College	2,300,000.00	-	-	650,000.00	2,950,000.00
Grand Valley State College	-	-	3,480,000.00	120,000.00	3,600,000.00
Lake Superior State College	2,150,000.00	-	1,001,109.00	600,000.00	3,751,109.00
Michigan State University	1,700,000.00	-	8,500,000.00	740,000.00	10,940,000.00
Michigan Technological Univ.	2,000,000.00	-	40,000.00		2,040,000.00
Northern Michigan University	400,000.00	-	4,950,000.00		5,350,000.00
Oakland University	-	3,000,000.00	490,000.00	650,000.00	4,140,000.00
Saginaw Valley State College	-	-	400,000.00	25,000.00	425,000.00
University of Michigan		-			
Ann Arbor Campus	4,000,000.00	-	4,388,000.00	2,100,000.00	10,488,000.00
Dearborn Campus	2,000,000.00	-	1,500,000.00	200,000.00	3,700,000.00
Flint Campus	-	-	2,000,000.00	300,000.00	2,300,000.00
Total	6,000,000.00	-	7,888,000.00	2,600,000.00	16,488,000.00
Wayne State University	1,675,000.00	-	-	2,750,000.00	4,425,000.00
Western Michigan University	2,450,000.00	-	-	750,000.00	3,200,000.00
TOTAL	21,175,000.00	3,000,000.00	26,749,109.00	9,828,785.00	60,752,894.00

$9.8 million for remodeling, site development, and demolition. More detailed information is presented in Appendix A.

B. Public Community and Junior Colleges

As shown in Table 9, public community and junior colleges requested a total of $5.7 million for capital outlay in 1973-74.

Included in this total was approximately $93 thousand for preliminary planning, $2.1 million to complete plans and construction, $1.2 million to start construction, $750 thousand to continue construction, and $1.5 million to complete construction. More detailed information can be found in Appendix B.

C. General Observations

General observations, as a result of a cursory review of the tables become apparent.

The capital outlay requests of an institution do not necessarily increase in direct proportion to enrollment figures. This is probably attributable to a series of factors such as the following:

1. A more efficient utilization of existing facilities by extending the class day to include the evening hours.
2. Scheduling classes on Saturdays.
3. Larger class sizes made possible and feasible through employing various educational media such as closed circuit television, the Edex system, computerized self instruction, etc.
4. Expanding the student station occupancy factor which is probably one of the most critical elements in utilization effectiveness.

Again, by observation, it becomes apparent that facility funding requests assume a cyclical configuration to some degree. If an institution enjoys a generous appropriation in any given year or series of years, the essential restoration and remodeling costs invariably tend to cluster around a given year.

In some less heavily populated areas of the state, skilled tradesmen are not as readily available to a contractor and consequently construction must be geared accordingly to this factor. Recognition of this fact may well become

Capital Outlay Requests for 1973-74
Public Community Colleges

	Preliminary Planning	Complete Plans & Construction	Start Construction	Continue Construction	Complete Construction	Total
Alpena	12,750.00	-	-	-	-	12,750.00
Bay de Noc	-	-	500,000.00	-	-	500,000.00
Delta	15,000.00	-	750,000.00	-	-	765,000.00
Genesee	-	-	-	-	549,000.00	549,000.00
Glen Oaks	-	-	-	-	-	-
Gogebic		-	-	-	135,000.00	135,000.00
Grand Rapids	15,000.00	65,000.00	-	-	88,630.00	168,630.00
Henry Ford	-	-	-	-	-	-
Highland Park	-	-	-	-	-	-
Jackson	-	440,950.00	-	-	-	440,950.00
Kalamazoo Valley	15,000.00	-	-	-	-	15,000.00
Kellogg	-	661,750.00	-	-	-	661,750.00
Kirtland	-	-	-	-	-	-
Lake Michigan	-	-	-	-	207,500.00	207,500.00
Lansing	-	-	-	750,000.00	-	750,000.00
Macomb	-	65,000.00	-	-	-	65,000.00
Mid-Michigan	-	-	-	-	-	-
Monroe	10,000.00	-	-	-	-	10,000.00
Montcalm	-	-	-	-	-	-
Muskegon	-	-	-	-	-	-
North Central	-	-	-	-	-	-
Northwestern	10,000.00	-	-	-	-	10,000.00
Oakland	15,000.00	161,350.00	-	-	-	176,350.00
St. Clair	-	-	-	-	-	-
Schoolcraft	-	-	-	-	517,819.00	517,819.00
Southwestern	-	-	-	-	-	-
Washtenaw	-	750,000.00	-	-	-	750,000.00
Wayne County	-	-	-	-	-	-
West Shore	-	-	-	-	-	-
TOTAL	92,750.00	2,144,050.00	1,250,000.00	750,000.00	1,497,949.00	5,734,749.00

a regulatory element in the amount of money appropriated in any given year to a specific institution. Stated another way -- there is a limit as to the amount of funds they can expend in a given period of time.

Another factor to be considered is that the State of Michigan currently has no "new and emerging" institutions as such, recognizing of course, that Lake Superior, Grand Valley, and Saginaw Valley are essentially in that category but are gradually becoming built up. Furthermore, many of the Capital Outlay requests of the community college are oriented toward vocational-technical facilities. This is to be expected. These facilities are usually not as expensive to build per square foot as are classrooms or buildings in the area of the physical sciences; but they require large amounts of funds in the classification of "Equipment." It would be inappropriate for an institution to request a vocational-technical building if, as a result of their planning, it becomes apparent that they will have to channel a lot of funds into equipping a high cost area in the health sciences, for example, in the year subsequent to requesting funds for a new facility.

In summary, the recommendations for capital outlay expenditures from the Executive Office recognize that even though enrollments, in the aggregate, are not increasing, the building program at most institutions has been in a state of delay because of the inherent budget restraints and this recommendation therefore manifests a recognition of that effect and directs effort toward compensating for the past lean years. If this were not done, the maintenance and operation costs would increase out of proportion.

In comparing the dollar amounts requested by any given institution, one must keep in mind the tremendous increase in building costs of the past several years and that in reality, even though the dollars may seem to be generous, they do not have the buying power which they would have had ten years ago in the acquisition of net assignable square feet.

A gradual trend among the community college requests indicates a growing trend toward the "occupational oriented" structures such as vocational-technical buildings and buildings designed to accomodate health related programs. This is a natural phenomenon and should be expected as a reflection of the manpower needs in the health fields which in turn are indicative of our society's demand for greater and more effective health related services.

Finally, in conducting an analysis of the foregoing table, it must be kept in mind that particularly among the community colleges who have collectively requested heavily in buildings in the occupational areas, that the net assignable square foot per student station in such areas as automotive service, building construction, etc., are extremely large by necessity, compared to the net assignable square feet necessary to accomodate a student in a traditional academic environment where the instruction is essentially didactic in nature.

It is also important to note that decisions about needs for capital outlay are apparently being made without reliance on statistical information showing the amount of space institutions already have, how the space is being used, and projected needs based on utilization factors of various kinds.

Staff in the Michigan Department of Education prepare detailed information about availability of space at both public and private institutions, as shown in Appendix C. In addition to this information, there is an urgent need for reliable information about space utilization and related projections of space needs.

PART III

CONCLUSIONS

An analysis of the financial requirements of the several colleges and universities clearly identifies a number of deficiencies in the current structure for advising, recommending, and appropriating funds to the institutions.

First, it is clear from the data available that no agency is looking at the financial needs of the institutions on a comprehensive and continuous basis. Such an activity should be carried out by the state agency for planning and coordination of higher education in a manner that would adequately advise the Governor and the Legislature about the educational needs of Michigan's citizens, and the financial resources required to meet those needs. Therefore it is recommended that review procedures be established providing for analysis of institutional requests in conjunction with short-range and long-range statewide planning for higher education in Michigan.

Secondly, the Governor has taken steps to implement a planning-programming-budgeting system encompassing all aspects of state government. The accounting procedures provided for Michigan's public community and junior colleges by the Michigan Department of Education in the Accounting Manual for Public Community Colleges do not in all cases complement the procedures utilized in the Program Budget Evaluation System. It is therefore recommended that steps taken to achieve compatibility between the Accounting Manual and the PBE System.

Thirdly, as noted from the introduction and review of the tables, the state spends an inordinate amount of time on the review of institutional requests for improvements and new programs, with little or no continuing study of existing programs. An analysis of institutional program activities in relation to college budgets would reveal the critical fact that 90%-95% of institutional budgets is for the continuation of existing services. The fact that there is little careful study of existing programs means that advice on the financial needs of the institutions, when (1) salary increases and (2) cost increases are provided for, focuses upon

approximately 5%-10% of total higher educational expenditure. Therefore it is recommended that all possible steps be taken to continue development of evaluative techniques permitting cost benefit analysis of existing programs, in addition to new programs.

A fourth observation relates to the necessity for increased analysis of graduate and professional educational programs, currently offered by a limited number of colleges and universities in Michigan. Comparative analysis of this type has been limited, and the rapid development of such programs in the state necessitates increasing emphasis upon such analysis. It is therefore recommended that review techniques be employed for the analysis of graduate and professional programs, and that the results of such techniques be highlighted in future advisory documents.

It is essential that the State Board of Education, the Executive Office, and the Legislature need to cooperate in determining financial requirements at public colleges and universities. Conceptual models and analytical tools are available for use in developing the kinds of information needed for this purpose. The time has come for a cooperative and concerted effort at the state level to review institutionsl requests in terms of changing needs and statewide priorities.

Appendix A

CAPITAL OUTLAY REQUESTS OF PUBLIC BACCALAUREATE INSTITUTIONS FOR 1973-74, BY PURPOSE AND BY INSTITUTION

Capital Outlay Requests for 1973-74
Public Four-Year Colleges and Universities

TO COMPLETE PLANS AND START CONSTRUCTION

Central Michigan University		
Service building		1,000,000.00
	Subtotal	1,000,000.00
Eastern Michigan University		
Music Building		1,500,000.00
	Subtotal	1,500,000.00
Ferris State College		
Health sciences and arts building		2,000,000.00
Electrical service - phase I		300,000.00
	Subtotal	2,300,000.00
Lake Superior State College		
Vocational-technical building		1,000,000.00
Warehouse, general stores and maintenance bldg.		650,000.00
Conversion of Brady hall		500,000.00
	Subtotal	2,150,000.00
Michigan State University		
Decentralized medical education center		1,700,000.00
	Subtotal	1,700,000.00
Michigan Technological University		
Electrical engineering building		2,000,000.00
	Subtotal	2,000,000.00
Northern Michigan University		
Campus utilities extension		400,000.00
	Subtotal	400,000.00
University of Michigan		
General science facilities (Ann Arbor)		1,000,000.00
Natural science building renovation (Ann Arbor)		1,000,000.00
University hospital renovations (Ann Arbor)		2,000,000.00
General Instructional and laboratory (Dearborn)		2,000,000.00
	Subtotal	6,000,000.00

Wayne State University			
University clinics building		1,000,000.00	
Temporary clinics facility		675,000.00	
	Subtotal	1,675,000.00	
Western Michigan University			
Fine arts building		2,000,000.00	
Campus utilities expansion		450,000.00	
	Subtotal	2,450,000.00	
GRAND TOTAL			$21,175,000.00

Capital Outlay Requests for 1973-74
Public Four-Year Colleges and Universities

FOR NEW CONSTRUCTION

Oakland University			
	Classroom office building no. 2		3,000,000.00
		Subtotal	3,000,000.00
GRAND TOTAL			$3,000,000.00

Capital Outlay Requests for 1973-74
Public Four-Year Colleges and Universities

TO CONTINUE CONSTRUCTION

Grand Valley State College		
Science laboratories building II		2,000,000.00
Physical education building		530,000.00
Incremental classrooms facility		750,000.00
East campus utility and road extension		200,000.00
	Subtotal	3,480,000.00
Lake Superior State College		
Physical education building		500,000.00
Science building addition		501,109.00
	Subtotal	1,001,109.00
Michigan State University		
Power plant 65 - unit 3		5,000,000.00
Clinical sciences center		3,500,000.00
	Subtotal	8,500,000.00
Michigan Technological University		
Forestry - I WR building - overhead crane		40,000.00
	Subtotal	40,000.00
Northern Michigan University		
Administration building		2,500,000.00
Physical education instruction facility		2,000,000.00
Fine and practical arts building		450,000.00
	Subtotal	4,950,000.00
Oakland University		
Public safety and services building		490,000.00
	Subtotal	490,000.00
Saginaw Valley College		
Instructional facility no. 2		400,000.00
	Subtotal	400,000.00

University of Michigan

Engineering building 1-A (Ann Arbor)	1,388,000.00	
College of architecture (Ann Arbor)	3,000,000.00	
Library and learning resources center (Dearborn)	1,500,000.00	
Classroom and office building (Flint)	2,000,000.00	
Subtotal	7,888,000.00	
GRAND TOTAL		$26,749,109.00

Capital Outlay Requests for 1973-74
Public Four-Year Colleges and Universities

REMODELING, SITE DEVELOPMENT AND DEMOLITION

Central Michigan University		
Central hall demolition		70,000.00
	Subtotal	70,000.00
Eastern Michigan University		
Roosevelt school remodeling		460,785.00
Air conditioning instructional buildings		238,000.00
Demolition of west wing of Welch hall		50,000.00
Site development - closing of Forest Avenue		125,000.00
	Subtotal	873,785.00
Ferris State College		
Remodel science building		250,000.00
Campus lighting		400,000.00
	Subtotal	650,000.00
Grand Valley State College		
Lake Michigan hall - remodeling		70,000.00
Fine arts center - addition		50,000.00
	Subtotal	120,000.00
Lake Superior State College		
Campus utilities and site development		600,000.00
	Subtotal	600,000.00
Michigan State University		
Air conditioning Erickson hall		740,000.00
	Subtotal	740,000.00
Oakland University		
Site development		650,000.00
	Subtotal	650,000.00
Saginaw Valley College		
Remodel service building no. 2		25,000.00
	Subtotal	25,000.00

University of Michigan			
	General library renovation (Ann Arbor)	2,100,000.00	
	Campus development (Dearborn)	200,000.00	
	Campus development (Flint)	300,000.00	
	Subtotal	2,600,000.00	
Wayne State University			
	Engineering building - remodeling and addition	2,500,000.00	
	Relighting - State hall and Kresge library	250,000.00	
	Subtotal	2,750,000.00	
Western Michigan University			
	Land acquisition	750,000.00	
	Subtotal	750,000.00	
GRAND TOTAL			$9,828,785.00

Appendix B

CAPITAL OUTLAY REQUESTS OF PUBLIC COMMUNITY AND JUNIOR COLLEGES FOR 1973-74, BY PURPOSE AND BY INSTITUTION

Capital Outlay Requests for 1973-74
Public Community Colleges

FOR PRELIMINARY PLANNING

College	Project	Request
Alpena Community College	Sports and recreation bldg.	12,750.00
Delta College	Learning resources center	15,000.00
Grand Rapids Junior College	Health and physical educ. bldg.	15,000.00
Kalamazoo Valley Comm. Col.	Instructional complex addition	15,000.00
Monroe Co. Community College	Addition to life sciences building	10,000.00
Northwestern Mich. College	Health and business occupations	10,000.00
Oakland Community College	Master plan for southeast campus	15,000.00
GRAND TOTAL		92,750.00

Capital Outlay Requests for 1973-74
Public Community Colleges

TO COMPLETE PLANS AND CONSTRUCTION

College	Project	Request
Grand Rapids Jr. College	Remodel main and north buildings	65,000.00
Jackson Community College	Remodel Whiting hall	65,950.00
	Student and cultural center	375,000.00
Kellogg Community College	Library expansion	661,750.00
Macomb Co. Community College	South campus: remodeling various bldgs	65,000.00
Oakland Community College	Highland lakes campus: building repair and restoration	65,000.00
	Southeast campus: remodeling commercial building	96,350.00
Washtenaw Community College	Library and classroom facility	750,000.00
GRAND TOTAL		2,144,050.00

Capital Outlay Requests for 1973-74
Public Community Colleges

TO START CONSTRUCTION

College	Project	Request
Bay de Noc Comm. College	Vocational-technical building	500,000.00
Delta College	Allied health facility	750,000.00
GRAND TOTAL		1,250,000.00

Capital Outlay Requests for 1973-74
Public Community Colleges

TO CONTINUE CONSTRUCTION

College	Project	Request
Lansing Community College	Vocational-technical facility	750,000.00
GRAND TOTAL		750,000.00

Capital Outlay Requests for 1973-74
Public Community Colleges

TO COMPLETE CONSTRUCTION

College	Project	Request
Genesee Community College	Remodel Curtice and Mott Buildings	194,000.00
	Sears building	355,000.00
Gogebic Community College	Vocational-technical unit	135,000.00
Grand Rapids Jr. College	Instructional materials resource center	88,630.00
Lake Michigan College	Vocational-technical building-Phase III	207,500.00
Schoolcraft Comm. College	Vocational-technical addition	517,819.00
GRAND TOTAL		1,497,949.00

Appendix C

TABLE 1

ASSIGNABLE SQUARE FEET BY ORGANIZATIONAL UNIT
FALL 1971

INSTITUTION NAME	I & R RESEARCH AND ACTIVITIES PUBLIC SERVICE	LIBRARY	GENERAL ADMINISTRATION AND INSTITUTIONAL SERVICE	TOTAL ACADEMIC ASSIGNABLE
ALL INSTITUTIONS	19,650,100	3,059,234	4,416,756	27,126,090
FOUR YEAR PUBLIC TOTAL	13,216,717	1,829,707	2,645,463	17,691,882
CENTRAL MICHIGAN UNIV	564,610	130,888	163,848	859,346
EASTERN MICHIGAN UNIV	545,191	95,994	172,527	833,712
FERRIS STATE COLLEGE	421,997	46,734	98,861	567,592
GRAND VALLEY STATE COLL	146,150	44,243	37,014	267,407
LAKE SUPERIOR STATE COLL	91,477	22,145	32,234	145,856
MICHIGAN STATE UNIV	3,566,473	301,884	568,295	4,436,632
MICHIGAN TECH UNIVERSITY	453,088	49,347	72,801	575,236
NORTHERN MICHIGAN UNIV	356,306	84,153	115,784	556,243
OAKLAND UNIVERSITY	338,512	57,514	128,813	524,839
SAGINAW VALLEY COLLEGE	43,380	18,623	19,901	81,906
UNIV OF MICH ANN ARBOR	3,715,759	591,970	638,130	4,945,859
UNIV OF MICH DEARBORN	121,689	15,623	47,150	184,462
UNIV OF MICH FLINT COLL	102,271	0	0	102,271
UNIV OF MICH TOTAL	0	0	0	0
WAYNE STATE UNIVERSITY	1,514,929	251,665	369,561	2,136,155
WESTERN MICHIGAN UNIV	1,154,880	118,942	180,544	1,454,366
TWO YEAR PUBLIC TOTAL	3,564,905	526,957	743,601	4,835,463
ALPENA COMM COLL	78,221	5,494	40,980	124,695
BAY DE NOC COMM COLL	52,413	4,580	6,980	63,973
DELTA COLLEGE	151,378	21,505	32,934	205,817
GENESEE COMM COLL	241,671	53,395	27,186	322,252
GLEN OAKS COMM COLL	53,598	12,400	4,881	70,879
GOGEBIC COMM COLL	31,237	6,243	5,892	43,372
GRAND RAPIDS JR COLL	151,602	28,673	18,008	198,283
HENRY FORD COMM COLL	176,711	35,391	26,497	238,599
HIGHLAND PARK COLL	69,940	4,272	7,773	81,985
JACKSON COMM COLL	138,981	9,617	19,976	168,574
KALAMAZOO VALLEY CC	137,538	22,667	50,703	210,908
KELLOGG COMM COLL	112,307	9,952	14,101	136,360
KIRTLAND COMM COLL	13,080	11,774	11,637	36,491
LAKE MICHIGAN COLL	104,567	26,745	24,530	155,842
LANSING COMM COLL	157,490	24,693	47,120	229,303
MACOMB CO COMM COLL CNTR	58,691	17,849	10,208	86,748
MACOMB CO COMM COLL SOUTH	151,265	54,839	38,883	244,987
MACOMB CO COMM COLL TOTAL	0	0	0	0
MID MICHIGAN COMM COLL	26,001	5,462	11,272	42,735
MONROE CO COMM COLL	82,989	13,611	27,350	123,930
MONTCALM COMM COLL	46,135	11,577	11,755	69,467
MUSKEGON CO COMM COLL	132,207	18,282	27,950	178,439
NORTH CENTRAL MICH COLL	35,560	4,631	5,394	45,585
NORTHWESTERN MICH COLL	106,113	13,047	28,477	147,637
OAKLAND COMM COLL AUBURN	100,679	5,689	18,782	125,130
OAKLAND COMM COLL HI LAKE	44,190	8,225	12,891	65,306
OAKLAND COMM COLL ORCH TI	118,947	16,497	44,912	180,356
OAKLAND COMM COLL TOTAL	7,863	2,463	16,582	26,908
SCHOOLCRAFT COLL	149,905	18,816	57,912	226,533
SOUTHWESTERN MICH COLL	61,884	5,967	6,192	74,023
ST CLAIR CO COMM COLL	123,900	17,162	26,397	167,459
WASHTENAW COMM COLL	133,753	7,500	28,536	169,789
WAYNE CO COMM COLL	496,530	27,581	35,838	559,949
WEST SHORE COMM COLL	25,562	2,881	11,654	40,097

TABLE 1

ASSIGNABLE SQUARE FEET BY ORGANIZATIONAL UNIT
FALL 1971

INSTITUTION NAME	I & R DEPTS, ORG. ACTIVE ORG RESEARCH PUB. SERVICE	LIBRARY	GENERAL ADMINISTRATION AND INSTITUTIONAL SERVICE	TOTAL ACADEMIC ASSIGNABLE
PRIVATE	2,856,483	702,570	1,027,692	4,598,745
ADRIAN COLLEGE	125,543	20,412	48,706	194,711
ALBION COLLEGE	199,840	17,398	29,768	237,046
ALMA COLLEGE	109,257	27,796	36,298	173,351
ANDREWS UNIVERSITY	144,623	39,719	69,786	254,328
AQUINAS COLLEGE	62,329	14,839	11,479	118,647
CALVIN COLLEGE	182,848	76,661	25,582	285,091
CALVIN THEOLOGICAL SEM	13,542	0	1,196	14,738
CLEARY COLLEGE	15,255	2,575	16,608	34,438
CONCORDIA LUTH JR COLL	44,376	10,386	15,316	70,078
CRANBROOK ACADEMY OF ART	76,403	3,373	1,905	81,681
DAVENPORT COLL BUSINESS	21,617	2,735	12,827	37,179
DE LIMA JR COLLEGE	0	0	0	0
DETROIT BIBLE COLLEGE	10,059	1,521	3,140	14,720
DETROIT COLL OF BUSINESS	15,570	1,908	5,372	22,850
DETROIT COLLEGE OF LAW	11,627	10,715	3,984	26,326
DETROIT INST OF MUS ART	0	0	0	0
DETROIT INST OF TECH	17,246	7,957	16,971	42,174
DUNS SCOTUS COLLEGE	7,519	5,860	28,343	41,722
GENERAL MOTORS INSTITUTE	227,024	12,575	106,278	345,877
GR RAPIDS BAPT COLL SEM	27,386	11,704	6,452	45,542
GRACE BIBLE COLLEGE	3,983	3,790	2,791	10,564
HILLSDALE COLLEGE	85,921	29,914	26,701	142,536
HOPE COLLEGE	143,084	31,952	53,493	228,529
JACKSON BUSINESS UNIV.	4,709	1,147	1,491	7,347
JOHN WESLEY COLLEGE	21,180	3,635	7,762	32,577
KALAMAZOO COLLEGE	124,371	35,496	36,404	196,271
LAWRENCE INST OF TECH	86,573	10,230	18,317	115,120
MACKINAC COLLEGE	0	0	0	0
MADONNA COLLEGE	91,445	22,074	22,388	135,907
MARYGLADE COLLEGE	18,600	1,700	61,900	82,200
MARYGROVE COLLEGE	81,365	45,711	41,467	168,543
MERCY COLLEGE OF DETROIT	68,490	15,192	38,669	122,351
MERRILL PALMER INSTITUTE	33,194	5,345	16,082	54,621
MICH CHRISTIAN JR COLL	12,977	2,800	11,931	27,708
MICH COLL OF OSTEO MED	0	0	0	0
MUSKEGON BUSINESS COLL	8,958	108	2,754	11,820
NAZARETH COLLEGE	34,824	35,173	26,550	96,547
NORTHWOOD INST ALMA	0	0	0	0
NORTHWOOD INST MIDLAND	0	0	0	0
NORTHWOOD INSTITUTE	41,447	39,252	13,532	94,231
OLIVET COLLEGE	80,455	14,668	17,698	112,821
REFORMED BIBLE INSTITUTE	9,065	1,861	3,103	14,029
SACRED HEART SEMINARY	24,182	6,011	13,845	44,038
SHAW COLL AT DETROIT	20,421	2,540	3,417	26,378
SIENA HEIGHTS COLLEGE	63,464	12,251	6,523	82,238
SOCIETY OF ARTS CRAFTS	32,853	926	1,570	35,349
SPRING ARBOR COLLEGE	47,260	16,493	7,051	70,804
ST JOHNS PROVINCIAL SEM	0	0	0	0
ST MARYS COLLEGE	11,381	15,287	27,512	54,180
SUOMI COLLEGE	39,141	6,936	20,131	66,208
UNIVERSITY OF DETROIT	337,505	62,855	99,498	499,858
WALSH COLL ACCY BUS ADM	3,290	1,368	1,830	6,488
WESTERN THEOLOGICAL SEM	5,989	9,721	3,273	18,983

TABLE 1 (CONTINUED)

ASSIGNABLE SQUARE FEET BY ORGANIZATIONAL UNIT
FALL 1971

INSTITUTION NAME	AUXILIARY SERVICES	NON-INSTITUTIONAL AGENCIES	UNASSIGNED	TOTAL ASSIGNABLE
ALL INSTITUTIONS	22,142,117	468,080	1,028,835	50,769,122
FOUR YEAR PUBLIC TOTAL	17,321,943	152,669	780,962	35,947,456
CENTRAL MICHIGAN UNIV	1,540,127	0	0	2,399,473
EASTERN MICHIGAN UNIV	1,119,131	932	89,431	2,063,406
FERRIS STATE COLLEGE	1,135,528	0	11,963	1,719,083
GRAND VALLEY STATE COLL	131,112	92	21,789	420,400
LAKE SUPERIOR STATE COLL	174,225	1,419	365	321,969
MICHIGAN STATE UNIV	4,741,349	54,380	13,225	9,325,866
MICHIGAN TECH UNIVERSITY	513,469	979	43,554	1,133,238
NORTHERN MICHIGAN UNIV	789,106	1,590	85,625	1,412,364
OAKLAND UNIVERSITY	369,122	992	102,531	997,484
SAGINAW VALLEY COLLEGE	117,068	1,425	0	200,397
UNIV OF MICH ANN ARBOR	4,528,069	66,984	290,599	9,831,911
UNIV OF MICH DEARBORN	20,676	0	0	205,138
UNIV OF MICH FLINT COLL	0	0	0	102,271
UNIV OF MICH TOTAL	0	0	0	0
WAYNE STATE UNIVERSITY	234,483	23,896	31,249	2,425,763
WESTERN MICHIGAN UNIV	1,928,300	0	10,631	3,393,297
TWO YEAR PUBLIC TOTAL	507,601	188,476	14,190	5,545,730
ALPENA COMM COLL	41,530	3,667	0	169,892
BAY DE NOC COMM COLL	4,600	0	912	69,485
DELTA COLLEGE	58,673	1,085	0	265,575
GENESEE COMM COLL	18,822	25,643	0	366,717
GLEN OAKS COMM COLL	6,100	0	0	76,979
GOGEBIC COMM COLL	0	0	0	43,372
GRAND RAPIDS JR COLL	18,121	829	0	217,233
HENRY FORD COMM COLL	14,533	0	0	283,092
HIGHLAND PARK COLL	4,320	0	1,985	88,290
JACKSON COMM COLL	6,101	0	5,661	180,336
KALAMAZOO VALLEY CC	12,093	0	0	223,001
KELLOGG COMM COLL	4,770	1,715	0	142,845
KIRTLAND COMM COLL	9,784	0	0	46,275
LAKE MICHIGAN COLL	9,027	7,793	0	172,662
LANSING COMM COLL	21,886	875	1,128	253,192
MACOMB CO COMM COLL CNTR	9,804	0	0	96,552
MACOMB CO COMM COLL SOUTH	33,919	0	0	278,906
MACOMB CO COMM COLL TOTAL	0	0	0	0
MID MICHIGAN COMM COLL	0	0	0	42,733
MONROE CO COMM COLL	1,240	0	0	125,179
MONTCALM COMM COLL	546	0	0	70,013
MUSKEGON CO COMM COLL	16,426	0	900	195,765
NORTH CENTRAL MICH COLL	45,006	2,128	3,604	96,323
NORTHWESTERN MICH COLL	64,054	144,741	0	356,432
OAKLAND COMM COLL AUBURN	3,524	0	0	128,654
OAKLAND COMM COLL HI LAKE	6,042	0	0	71,348
OAKLAND COMM COLL ORCH RI	38,075	0	0	218,431
OAKLAND COMM COLL TOTAL	0	2,847	10,053	39,808
SCHOOLCRAFT COLL	14,912	0	0	241,445
SOUTHWESTERN MICH COLL	5,938	0	0	79,961
ST CLAIR CO COMM COLL	0	0	0	167,459
WASHTENAW COMM COLL	3,980	0	0	173,749
WAYNE CO COMM COLL	33,795	0	0	525,744
WEST SHORE COMM COLL	0	0	0	40,097

TABLE B (CONTINUED)

ASSIGNABLE SQUARE FEET BY ORGANIZATIONAL UNIT
FALL 1971

INSTITUTION NAME	AUXILIARY SERVICES	NON-INSTITUTIONAL AGENCIES	UNASSIGNED	TOTAL ASSIGNABLE
PRIVATE	4,317,573	126,935	233,683	9,271,936
ADRIAN COLLEGE	279,643	0	1,849	476,253
ALBION COLLEGE	278,591	3,508	10,264	529,409
ALMA COLLEGE	198,720	7,032	1,950	381,093
ANDREWS UNIVERSITY	225,998	0	1,195	481,521
AQUINAS COLLEGE	125,489	1,288	0	245,474
CALVIN COLLEGE	279,856	23,187	75,884	664,018
CALVIN THEOLOGICAL SEM	4,544	0	0	19,282
CLEARY COLLEGE	4,671	0	0	39,109
CONCORDIA LUTH JR COLL	86,487	0	799	157,364
CRANBROOK ACADEMY OF ART	51,645	9,584	526	143,436
DAVENPORT COLL BUSINESS	58,234	0	0	95,413
DE LIMA JR COLLEGE	0	0	0	0
DETROIT BIBLE COLLEGE	27,491	0	0	42,211
DETROIT COLL OF BUSINESS	934	0	0	23,784
DETROIT COLLEGE OF LAW	0	0	0	26,326
DETROIT INST OF MUS ART	0	0	0	0
DETROIT INST OF TECH	6,094	0	0	98,268
DUNS SCOTUS COLLEGE	59,562	0	0	101,284
GENERAL MOTORS INSTITUTE	125,606	0	0	471,483
GR RAPIDS BAPT COLL SEM	65,151	0	0	110,693
GRACE BIBLE COLLEGE	23,678	0	0	34,242
MILLSDALE COLLEGE	248,897	0	3,926	365,359
HOPE COLLEGE	314,541	0	8,813	551,883
JACKSON BUSINESS UNIV.	0	0	0	7,347
JOHN WESLEY COLLEGE	40,718	0	4,158	77,453
KALAMAZOO COLLEGE	209,850	23,812	13,895	443,828
LAWRENCE INST OF TECH	9,488	0	0	124,608
MACKINAC COLLEGE	0	0	0	0
MADONNA COLLEGE	107,702	0	0	243,609
MARYGLADE COLLEGE	0	0	5,000	87,200
MARYGROVE COLLEGE	128,369	14,410	2,080	313,402
MERCY COLLEGE OF DETROIT	125,967	13,140	0	261,458
MERRILL PALMER INSTITUTE	29,532	0	27	84,180
MICH CHRISTIAN JR COLL	33,776	0	0	61,484
MICH COLL OF OSTEO MED	0	0	0	0
MUSKEGON BUSINESS COLL	288	612	150	12,870
NAZARETH COLLEGE	195,209	0	17,766	309,522
NORTHWOOD INST ALMA	0	0	0	0
NORTHWOOD INST-MIDLAND	0	0	0	0
NORTHWOOD INSTITUTE	132,432	0	0	226,663
OLIVET COLLEGE	120,406	17,198	0	250,425
REFORMED BIBLE INSTITUTE	14,208	0	0	28,237
SACRED HEART SEMINARY	161,769	191	5,042	211,040
SHAW COLL AT DETROIT	7,068	0	0	33,446
SIENA HEIGHTS COLLEGE	80,754	0	0	162,992
SOCIETY OF ARTS CRAFTS	1,260	0	720	37,329
SPRING ARBOR COLLEGE	120,920	0	0	191,724
ST JOHNS PROVINCIAL SEM	0	0	0	0
ST MARYS COLLEGE	33,798	7,488	24,664	120,130
SUOMI COLLEGE	40,344	0	6,355	112,907
UNIVERSITY OF DETROIT	230,447	5,485	48,570	784,360
WALSH COLL ACCT BUS ADM	0	0	0	6,488
WESTERN THEOLOGICAL SEM	22,436	0	0	41,419

TABLE 2

ASSIGNABLE SQUARE FEET BY GENERAL ROOM TYPE
FALL 1971

INSTITUTION NAME	CLASSROOM	LABORATORY	OFFICE	STUDY	SPECIAL USE
ALL INSTITUTIONS	6,106,489	7,507,293	4,920,828	3,221,894	3,409,559
FOUR YEAR PUBLIC TOTAL	2,041,004	4,004,342	3,277,430	2,053,679	2,432,136
CENTRAL MICHIGAN UNIV	213,056	88,291	231,780	114,662	101,466
EASTERN MICHIGAN UNIV	171,183	158,810	242,735	108,272	157,154
FERRIS STATE COLLEGE	75,640	211,618	112,330	44,074	77,500
GRAND VALLEY STATE COLL	37,917	40,583	56,289	43,461	56,421
LAKE SUPERIOR STATE COLL	20,543	44,869	32,810	21,657	15,006
MICHIGAN STATE UNIV	396,081	1,374,173	1,264,879	481,557	842,996
MICHIGAN TECH UNIVERSITY	59,201	219,607	128,723	48,025	69,344
NORTHERN MICHIGAN UNIV	99,556	115,437	133,344	94,347	90,183
OAKLAND UNIVERSITY	55,892	111,033	137,082	51,058	50,538
SAGINAW VALLEY COLLEGE	18,253	18,317	23,622	16,767	22,424
UNIV OF MICH ANN ARBOR	344,603	1,620,705	1,794,375	634,975	468,650
UNIV OF MICH DEARBORN	17,404	59,596	64,037	16,014	1,670
UNIV OF MICH FLINT COLL	16,080	26,619	20,324	1,067	0
UNIV OF MICH TOTAL	0	0	0	0	0
WAYNE STATE UNIVERSITY	262,632	550,517	644,246	255,065	186,253
WESTERN MICHIGAN UNIV	242,835	371,505	390,854	122,878	272,551
TWO YEAR PUBLIC TOTAL	1,232,108	1,503,433	769,806	478,578	402,775
ALPENA COMM COLL	14,072	30,991	10,751	5,494	9,648
BAY DE NOC COMM COLL	15,037	21,981	10,388	4,891	9,758
DELTA COLLEGE	34,903	63,496	40,213	21,128	34,938
GENESEE COMM COLL	51,955	112,546	50,882	51,568	38,999
GLEN OAKS COMM COLL	6,000	25,413	6,753	7,875	17,475
GOGEBIC COMM COLL	8,249	18,433	6,301	6,109	706
GRAND RAPIDS JR COLL	85,479	32,462	28,783	11,585	14,821
HENRY FORD COMM COLL	52,633	77,109	38,191	31,630	23,484
HIGHLAND PARK COLL	44,691	7,564	18,156	5,632	0
JACKSON COMM COLL	39,488	76,004	24,486	13,651	3,541
KALAMAZOO VALLEY CC	21,917	56,675	32,039	20,417	39,157
KELLOGG COMM COLL	29,135	40,231	18,211	8,836	31,986
KIRTLAND COMM COLL	4,768	8,312	11,157	11,141	633
LAKE MICHIGAN COLL	25,533	49,771	25,841	24,584	17,484
LANSING COMM COLL	51,871	73,782	63,264	24,058	3,441
MACOMB CO COMM COLL CNTR	24,519	18,736	23,338	15,308	4,376
MACOMB CO COMM COLL SOUTH	54,333	71,989	54,588	40,678	13,763
MACOMB CO COMM COLL TOTAL	0	0	0	0	0
MID MICHIGAN COMM COLL	7,218	16,661	4,516	5,327	0
MONROE CO COMM COLL	18,997	52,249	19,034	11,920	300
MONTCALM COMM COLL	17,258	24,998	7,771	11,243	408
MUSKEGON CO COMM COLL	40,082	65,863	18,876	17,409	19,644
NORTH CENTRAL MICH COLL	14,836	16,721	11,681	4,475	0
NORTHWESTERN MICH COLL	27,825	45,126	20,262	15,397	12,715
OAKLAND COMM COLL AUBURN	26,944	53,834	21,400	11,942	1,035
OAKLAND COMM COLL HI LAKE	14,038	19,958	17,212	7,661	1,775
OAKLAND COMM COLL ORCH RI	32,067	64,976	38,232	12,150	2,333
OAKLAND COMM COLL TOTAL	2,997	1,308	18,918	724	842
SCHOOLCRAFT COLL	31,175	45,625	31,155	16,118	58,793
SOUTHWESTERN MICH COLL	15,570	26,537	8,999	5,708	14,902
ST CLAIR CO COMM COLL	45,709	46,072	28,719	14,641	14,664
WASHTENAW COMM COLL	37,503	70,282	25,488	7,500	0
WAYNE CO COMM COLL	332,920	131,957	47,060	29,873	30,896
WEST SHORE COMM COLL	5,385	17,079	7,159	2,629	1,120

MICHIGAN DEPARTMENT OF EDUCATION
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TABLE 2

ASSIGNABLE SQUARE FEET BY GENERAL ROOM TYPE
FALL 1971

INSTITUTION NAME	CLASSROOM	LABORATORY	OFFICE	STUDY	SPECIAL USE
PRIVATE	833,284	999,508	873,592	689,637	594,648
ADRIAN COLLEGE	52,475	32,647	33,423	20,709	25,096
ALBION COLLEGE	29,179	90,639	34,988	29,212	29,753
ALMA COLLEGE	17,529	30,041	25,313	26,970	49,775
ANDREWS UNIVERSITY	38,503	44,125	53,936	30,047	37,620
AQUINAS COLLEGE	21,159	23,041	20,853	13,511	37,478
CALVIN COLLEGE	58,074	59,518	42,831	70,837	50,668
CALVIN THEOLOGICAL SEM	10,836	0	3,576	0	0
CLEARY COLLEGE	13,483	1,425	3,871	2,235	194
CONCORDIA LUTH JR COLL	12,689	8,150	12,167	10,464	17,123
CRANBROOK ACADEMY OF ART	2,495	41,650	11,188	2,816	0
DAVENPORT COLL BUSINESS	13,066	5,922	10,638	7,317	0
DE LIMA JR COLLEGE	0	0	0	0	0
DETROIT BIBLE COLLEGE	5,539	390	3,425	1,521	0
DETROIT COLL OF BUSINESS	12,174	0	2,920	1,908	476
DETROIT COLLEGE OF LAW	9,752	0	5,989	9,915	0
DETROIT INST OF MUS ART	0	0	0	0	0
DETROIT INST OF TECH	11,720	256	10,521	9,125	0
DUNS SCOTUS COLLEGE	4,223	2,976	4,597	5,860	0
GENERAL MOTORS INSTITUTE	66,238	101,564	95,156	17,180	15,078
GR RAPIDS BAPT COLL SEM	8,961	3,369	8,995	11,649	11,590
GRACE BIBLE COLLEGE	3,983	0	2,501	3,790	0
MILLSDALE COLLEGE	18,356	26,562	23,624	25,545	30,331
HOPE COLLEGE	32,435	51,040	43,155	31,752	10,087
JACKSON BUSINESS UNIV.	2,965	1,744	1,203	1,147	0
JOHN WESLEY COLLEGE	5,074	1,636	4,887	3,635	11,288
KALAMAZOO COLLEGE	27,317	36,930	39,997	33,115	50,761
LAWRENCE INST OF TECH	29,304	39,636	19,396	13,176	561
MACKINAC COLLEGE	0	0	0	0	0
MADONNA COLLEGE	36,479	44,427	29,319	32,098	0
MARYGLADE COLLEGE	6,000	2,000	1,500	1,700	3,200
MARYGROVE COLLEGE	27,144	32,565	24,657	37,082	13,973
MERCY COLLEGE OF DETROIT	21,038	33,072	34,563	12,250	4,680
MERRILL PALMER INSTITUTE	7,817	12,741	13,848	7,508	1,274
MICH CHRISTIAN JR COLL	3,894	2,464	6,993	2,448	5,862
MICH COLL OF OSTEO MED	0	0	0	0	0
MUSKEGON BUSINESS COLL	5,600	3,358	1,242	108	0
NAZARETH COLLEGE	17,675	7,516	15,523	31,869	2,618
NORTHWOOD INST ALMA	0	0	0	0	0
NORTHWOOD INST MIDLAND	0	0	0	0	0
NORTHWOOD INSTITUTE	9,890	6,825	19,604	39,252	24,984
OLIVET COLLEGE	22,417	25,466	20,649	13,226	16,445
REFORMED BIBLE INSTITUTE	8,605	0	2,676	2,041	36
SACRED HEART SEMINARY	14,826	9,356	5,474	6,011	22,931
SHAW COLL AT DETROIT	9,299	4,272	7,599	2,540	0
SIENA HEIGHTS COLLEGE	13,669	32,282	13,970	11,899	9,276
SOCIETY OF ARTS CRAFTS	20,073	12,495	1,963	926	0
SPRING ARBOR COLLEGE	8,879	16,174	18,409	15,848	10,395
ST JOHNS PROVINCIAL SEM	0	0	0	0	0
ST MARYS COLLEGE	6,567	2,055	12,993	12,636	1,550
SUOMI COLLEGE	5,386	9,127	11,712	6,016	24,036
UNIVERSITY OF DETROIT	74,083	144,052	105,489	60,052	79,491
WALSH COLL ACCT BUS ADM	2,750	0	2,035	1,368	0
WESTERN THEOLOGICAL SEM	3,689	0	4,424	9,323	0

TABLE 2 (CONTINUED)

ASSIGNABLE SQUARE FEET BY GENERAL ROOM TYPE
FALL 1971

INSTITUTION NAME	GENERAL USE	SUPPORTING	MEDICAL	RESIDENTIAL	UNASSIGNED	ASSIGNABLE
ALL INSTITUTIONS	20,763,094	2,956,196	574,849	16,279,096	1,028,835	50,765,132
FOUR YEAR PUBLIC TOTAL	2,764,764	1,956,529	547,745	13,110,769	780,962	35,947,456
CENTRAL MICHIGAN UNIV	271,422	46,400	0	1,532,018	0	2,399,473
EASTERN MICHIGAN UNIV	196,000	41,543	0	898,018	89,431	2,063,406
FERRIS STATE COLLEGE	101,307	16,389	0	1,042,275	11,963	1,715,083
GRAND VALLEY STATE COLL	68,611	12,837	0	82,472	21,789	420,400
LAKE SUPERIOR STATE COLL	24,563	21,475	0	150,397	365	321,865
MICHIGAN STATE UNIV	612,188	427,080	57,168	3,770,219	93,225	9,325,566
MICHIGAN TECH UNIVERSITY	53,579	16,531	0	464,674	43,554	1,133,238
NORTHERN MICHIGAN UNIV	129,174	59,368	0	593,530	85,625	1,412,564
OAKLAND UNIVERSITY	126,081	82,786	0	280,483	102,531	997,484
SAGINAW VALLEY COLLEGE	16,121	6,372	0	78,521	0	200,397
UNIV OF MICH ANN ARBOR	685,615	876,841	490,577	2,604,371	290,599	9,831,511
UNIV OF MICH DEARBORN	16,792	2,839	0	26,786	0	205,138
UNIV OF MICH FLINT COLL	11,914	1,398	0	24,669	0	102,271
UNIV OF MICH TOTAL	0	0	0	0	0	0
WAYNE STATE UNIVERSITY	215,587	170,608	0	109,606	31,249	2,425,763
WESTERN MICHIGAN UNIV	237,850	190,063	0	1,644,130	10,631	3,393,297
TWO YEAR PUBLIC TOTAL	598,556	337,924	10,865	147,525	14,190	5,545,740
ALPENA COMM COLL	11,889	38,049	0	28,998	0	169,892
BAY DE NOC COMM COLL	4,600	1,918	0	0	912	69,485
DELTA COLLEGE	37,076	8,383	0	25,438	0	265,575
GENESEE COMM COLL	49,759	11,008	0	0	0	366,717
GLEN OAKS COMM COLL	13,463	0	0	0	0	76,979
GOGEBIC COMM COLL	484	3,090	0	0	0	43,372
GRAND RAPIDS JR COLL	35,010	1,449	7,644	0	0	217,233
HENRY FORD COMM COLL	27,645	2,400	0	0	0	253,092
HIGHLAND PARK COLL	10,762	0	0	0	0	88,290
JACKSON COMM COLL	17,292	5,213	0	0	1,985	180,336
KALAMAZOO VALLEY CC	37,464	15,332	0	0	5,661	223,001
KELLOGG COMM COLL	13,562	904	0	0	0	142,849
KIRTLAND COMM COLL	8,119	2,145	0	0	0	46,275
LAKE MICHIGAN COLL	17,814	11,665	0	0	0	172,672
LANSING COMM COLL	21,987	10,460	0	0	0	253,192
MACOMB CO COMM COLL CNTR	7,670	2,605	3,201	0	1,128	96,552
MACOMB CO COMM COLL SOUTH	34,800	8,755	0	0	0	278,906
MACOMB CO COMM COLL TOTAL	0	0	0	0	0	0
MID MICHIGAN COMM COLL	2,076	537	0	0	0	42,735
MONROE CO COMM COLL	20,633	1,137	0	6,400	0	125,170
MONTCALM COMM COLL	3,767	4,568	0	0	0	70,013
MUSKEGON CO COMM COLL	25,241	9,750	0	0	900	195,765
NORTH CENTRAL MICH COLL	14,732	0	0	0	3,604	96,323
NORTHWESTERN MICH COLL	20,812	161,880	0	30,274	0	356,432
OAKLAND COMM COLL AUBURN	9,204	4,295	0	52,415	0	128,654
OAKLAND COMM COLL HI LAKE	7,824	2,882	0	0	0	71,348
OAKLAND COMM COLL ORCH RI	56,175	12,498	0	0	0	218,431
OAKLAND COMM COLL TOTAL	2,503	2,463	0	0	0	39,808
SCHOOLCRAFT COLL	30,300	28,279	0	0	10,053	241,445
SOUTHWESTERN MICH COLL	6,110	2,135	0	0	0	79,961
ST CLAIR CO COMM COLL	16,563	1,091	0	0	0	167,459
WASHTENAW COMM COLL	15,226	13,750	0	4,000	0	173,749
WAYNE CO COMM COLL	20,618	20,420	0	0	0	593,744
WEST SHORE COMM COLL	5,379	1,346	0	0	0	40,097

TABLE 2 (CONTINUED)

ASSIGNABLE SQUARE FEET BY GENERAL ROOM TYPE
FALL 1971

INSTITUTION NAME	GENERAL USE	SUPPORTING	MEDICAL	RESIDENTIAL	UNASSIGNED	ASSIGNABLE
PRIVATE	1,199,774	810,797	16,259	3,070,802	233,883	9,271,936
ADRIAN COLLEGE	102,844	9,957	0	197,203	1,859	476,253
ALBION COLLEGE	78,180	21,696	0	205,299	10,264	529,609
ALMA COLLEGE	49,485	14,681	0	165,309	1,950	381,054
ANDREWS UNIVERSITY	96,245	56,531	0	123,319	1,195	481,527
AQUINAS COLLEGE	40,250	2,031	74	86,577	0	245,429
CALVIN COLLEGE	101,377	34,594	0	170,235	75,884	664,017
CALVIN THEOLOGICAL SEM	4,272	598	0	0	0	19,282
CLEARY COLLEGE	16,580	1,318	0	0	0	29,109
CONCORDIA LUTH JR COLL	24,352	10,200	1,548	50,871	799	157,364
CRANBROOK ACADEMY OF ART	27,275	22,484	0	35,002	525	243,436
DAVENPORT COLL BUSINESS	1,070	2,228	0	55,172	0	99,613
DE LIMA JR COLLEGE	0	0	0	0	0	0
DETROIT BIBLE COLLEGE	5,470	152	0	25,714	0	42,221
DETROIT COLL OF BUSINESS	5,372	934	0	0	0	23,769
DETROIT COLLEGE OF LAW	380	290	0	0	0	26,326
DETROIT INST OF MUS ART	0	0	0	0	0	0
DETROIT INST OF TECH	5,769	10,587	290	0	0	48,286
DUNS SCOTUS COLLEGE	38,147	24,066	0	21,415	0	101,284
GENERAL MOTORS INSTITUTE	72,895	25,270	0	78,102	0	478,483
GR RAPIDS BAPT COLL SEM	13,489	1,092	0	51,548	0	110,693
GRACE BIBLE COLLEGE	6,002	304	0	17,662	0	34,242
HILLSDALE COLLEGE	72,015	14,538	210	180,252	3,926	395,359
HOPE COLLEGE	77,998	137,111	0	189,492	8,813	551,883
JACKSON BUSINESS UNIV.	288	0	0	0	0	7,347
JOHN WESLEY COLLEGE	9,688	9,560	0	27,527	4,138	77,453
KALAMAZOO COLLEGE	63,266	24,079	0	154,468	13,895	443,828
LAWRENCE INST OF TECH	16,967	9,568	0	0	0	124,608
MACKINAC COLLEGE	0	0	0	0	0	0
MADONNA COLLEGE	22,157	0	0	79,130	0	243,609
MARYGLADE COLLEGE	6,400	11,400	0	50,000	5,000	87,200
MARYGROVE COLLEGE	29,345	26,684	284	119,888	2,080	313,402
MERCY COLLEGE OF DETROIT	67,036	98,825	0	49,994	0	261,458
MERRILL PALMER INSTITUTE	14,851	5,420	99	20,595	27	84,180
MICH CHRISTIAN JR COLL	4,583	6,859	0	28,381	0	61,484
MICH COLL OF OSTEO MED	0	0	0	0	0	0
MUSKEGON BUSINESS COLL	2,412	0	0	0	150	12,870
NAZARETH COLLEGE	16,482	18,493	0	181,580	17,766	309,522
NORTHWOOD INST ALMA	0	0	0	0	0	0
NORTHWOOD INST MIDLAND	0	0	0	0	0	0
NORTHWOOD INSTITUTE	9,030	2,249	253	114,576	0	226,963
OLIVET COLLEGE	43,111	8,132	0	100,979	0	250,425
REFORMED BIBLE INSTITUTE	1,709	6,975	0	6,195	0	28,237
SACRED HEART SEMINARY	67,397	18,339	0	62,064	5,042	211,040
SHAW COLL AT DETROIT	9,140	596	0	0	0	33,446
SIENA HEIGHTS COLLEGE	32,066	0	0	53,832	0	162,992
SOCIETY OF ARTS CRAFTS	1,152	0	0	0	720	37,329
SPRING ARBOR COLLEGE	33,779	8,158	0	80,091	0	191,724
ST JOHNS PROVINCIAL SEM	0	0	0	0	0	0
ST MARYS COLLEGE	15,004	13,599	0	31,062	24,664	120,139
SUOMI COLLEGE	13,655	5,599	391	30,630	6,395	112,907
UNIVERSITY OF DETROIT	74,080	34,390	13,190	151,003	48,570	784,360
WALSH COLL ACCT BUS ADM	240	95	0	0	0	8,488
WESTERN THEOLOGICAL SEM	6,463	883	0	10,635	0	41,419